

07/13/01  
J1131 U.S. PTO

07-16-01

A  
Box Sep

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. Mo-6431/LeA 34,730

First Inventor Christa Lechelt-Kunze

Title USE OF VLCAE FOR IDENTIFYING HERBICIDALLY ...

Express Mail Label No. ET1468866727US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 35]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
5. Oath or Declaration [Total Pages 2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☒ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## RESPONSE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer Number or Attach bar code label here)

or ☐ Correspondence address below

Name

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Jackie Ann Zurcher

Registration No. (Attorney/Agent)

42,251

Signature

Jackie Ann Zurcher

Date

July 13, 2001

Burden Hour Statement! This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

<h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">for FY 2000</h2> <p style="text-align: center;"><i>Patent fees are subject to annual revision</i> Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28</p>		<b>Complete if Known</b>		
		Application Number	To be Assigned	
		Filing Date	Herewith	
		First Named Inventor	Christa Lechelt-Kunze	
		Examiner Name	--	
TOTAL AMOUNT OF PAYMENT (\$)		1,231.00	Group / Art Unit	--
			Attorney Docket No.	Mo-6431/LeA 34,730

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to</p> <p>Deposit Account Number: 13-3848</p> <p>Deposit Account Name: Bayer Corporation</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed:  <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. <b>ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105 130 205 65</td><td></td><td>Surcharge - late filing fee or oath</td><td>0.00</td></tr> <tr><td>127 50 227 25</td><td></td><td>Surcharge - late provisional filing fee or cover sheet</td><td>0.00</td></tr> <tr><td>139 130 139 130</td><td></td><td>Non-English specification</td><td>0.00</td></tr> <tr><td>147 2,520 147 2,520</td><td></td><td>For filing a request for reexamination</td><td>0.00</td></tr> <tr><td>112 920* 112 920*</td><td></td><td>Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr> <tr><td>113 1,840* 113 1,840*</td><td></td><td>Requesting publication of SIR after Examiner action</td><td>0.00</td></tr> <tr><td>115 110 215 55</td><td></td><td>Extension for reply within first month</td><td>0.00</td></tr> <tr><td>116 380 216 190</td><td></td><td>Extension for reply within second month</td><td>0.00</td></tr> <tr><td>117 870 217 435</td><td></td><td>Extension for reply within third month</td><td>0.00</td></tr> <tr><td>118 1,360 218 680</td><td></td><td>Extension for reply within fourth month</td><td>0.00</td></tr> <tr><td>128 1,850 228 925</td><td></td><td>Extension for reply within fifth month</td><td>0.00</td></tr> <tr><td>119 300 219 150</td><td></td><td>Notice of Appeal</td><td>0.00</td></tr> <tr><td>120 300 220 150</td><td></td><td>Filing a brief in support of an appeal</td><td>0.00</td></tr> <tr><td>121 260 221 130</td><td></td><td>Request for oral hearing</td><td>0.00</td></tr> <tr><td>138 1,510 138 1,510</td><td></td><td>Petition to institute a public use proceeding</td><td>0.00</td></tr> <tr><td>140 110 240 55</td><td></td><td>Petition to revive - unavoidable</td><td>0.00</td></tr> <tr><td>141 1,210 241 605</td><td></td><td>Petition to revive - unintentional</td><td>0.00</td></tr> <tr><td>142 1,210 242 605</td><td></td><td>Utility issue fee (or reissue)</td><td>0.00</td></tr> <tr><td>143 430 243 215</td><td></td><td>Design issue fee</td><td>0.00</td></tr> <tr><td>144 580 244 290</td><td></td><td>Plant issue fee</td><td>0.00</td></tr> <tr><td>122 130 122 130</td><td></td><td>Petitions to the Commissioner</td><td>0.00</td></tr> <tr><td>123 50 123 50</td><td></td><td>Petitions related to provisional applications</td><td>0.00</td></tr> <tr><td>126 240 126 240</td><td></td><td>Submission of Information Disclosure Stmt</td><td>0.00</td></tr> <tr><td>581 40 581 40</td><td></td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146 690 246 345</td><td></td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr> <tr><td>149 690 249 345</td><td></td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td>0.00</td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td>0.00</td></tr> <tr> <td colspan="3"><b>Reduced by Basic Filing Fee Paid</b></td> <td><b>SUBTOTAL (3) (\$)</b> 40.00</td> </tr> </tbody> </table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105 130 205 65		Surcharge - late filing fee or oath	0.00	127 50 227 25		Surcharge - late provisional filing fee or cover sheet	0.00	139 130 139 130		Non-English specification	0.00	147 2,520 147 2,520		For filing a request for reexamination	0.00	112 920* 112 920*		Requesting publication of SIR prior to Examiner action	0.00	113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	0.00	115 110 215 55		Extension for reply within first month	0.00	116 380 216 190		Extension for reply within second month	0.00	117 870 217 435		Extension for reply within third month	0.00	118 1,360 218 680		Extension for reply within fourth month	0.00	128 1,850 228 925		Extension for reply within fifth month	0.00	119 300 219 150		Notice of Appeal	0.00	120 300 220 150		Filing a brief in support of an appeal	0.00	121 260 221 130		Request for oral hearing	0.00	138 1,510 138 1,510		Petition to institute a public use proceeding	0.00	140 110 240 55		Petition to revive - unavoidable	0.00	141 1,210 241 605		Petition to revive - unintentional	0.00	142 1,210 242 605		Utility issue fee (or reissue)	0.00	143 430 243 215		Design issue fee	0.00	144 580 244 290		Plant issue fee	0.00	122 130 122 130		Petitions to the Commissioner	0.00	123 50 123 50		Petitions related to provisional applications	0.00	126 240 126 240		Submission of Information Disclosure Stmt	0.00	581 40 581 40		Recording each patent assignment per property (times number of properties)	40.00	146 690 246 345		Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149 690 249 345		For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Other fee (specify) _____			0.00	Other fee (specify) _____			0.00	<b>Reduced by Basic Filing Fee Paid</b>			<b>SUBTOTAL (3) (\$)</b> 40.00
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																								
105 130 205 65		Surcharge - late filing fee or oath	0.00																																																																																																																								
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	0.00																																																																																																																								
139 130 139 130		Non-English specification	0.00																																																																																																																								
147 2,520 147 2,520		For filing a request for reexamination	0.00																																																																																																																								
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	0.00																																																																																																																								
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	0.00																																																																																																																								
115 110 215 55		Extension for reply within first month	0.00																																																																																																																								
116 380 216 190		Extension for reply within second month	0.00																																																																																																																								
117 870 217 435		Extension for reply within third month	0.00																																																																																																																								
118 1,360 218 680		Extension for reply within fourth month	0.00																																																																																																																								
128 1,850 228 925		Extension for reply within fifth month	0.00																																																																																																																								
119 300 219 150		Notice of Appeal	0.00																																																																																																																								
120 300 220 150		Filing a brief in support of an appeal	0.00																																																																																																																								
121 260 221 130		Request for oral hearing	0.00																																																																																																																								
138 1,510 138 1,510		Petition to institute a public use proceeding	0.00																																																																																																																								
140 110 240 55		Petition to revive - unavoidable	0.00																																																																																																																								
141 1,210 241 605		Petition to revive - unintentional	0.00																																																																																																																								
142 1,210 242 605		Utility issue fee (or reissue)	0.00																																																																																																																								
143 430 243 215		Design issue fee	0.00																																																																																																																								
144 580 244 290		Plant issue fee	0.00																																																																																																																								
122 130 122 130		Petitions to the Commissioner	0.00																																																																																																																								
123 50 123 50		Petitions related to provisional applications	0.00																																																																																																																								
126 240 126 240		Submission of Information Disclosure Stmt	0.00																																																																																																																								
581 40 581 40		Recording each patent assignment per property (times number of properties)	40.00																																																																																																																								
146 690 246 345		Filing a submission after final rejection (37 CFR § 1.129(a))	0.00																																																																																																																								
149 690 249 345		For each additional invention to be examined (37 CFR § 1.129(b))	0.00																																																																																																																								
Other fee (specify) _____			0.00																																																																																																																								
Other fee (specify) _____			0.00																																																																																																																								
<b>Reduced by Basic Filing Fee Paid</b>			<b>SUBTOTAL (3) (\$)</b> 40.00																																																																																																																								

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Jackie Ann Zurcher	Registration No (Attorney/Agent)	42,251
Signature	<i>Jackie Ann Zurcher</i>	Telephone	(412) 777-8349
		Date	July 13, 2001

**WARNING:**

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION  
Mo-6431  
LeA 34,730

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF )  
 )  
CHRISTA LECHOLT-KUNZE )  
 )  
SERIAL NUMBER: TO BE ASSIGNED )  
 )  
FILED: HEREWITH )  
 )  
TITLE: USE OF VLCFAE FOR )  
IDENTIFYING HERBICIDALLY )  
ACTIVE COMPOUNDS )

STATEMENT VERIFYING IDENTITY OF SEQUENCE LISTING

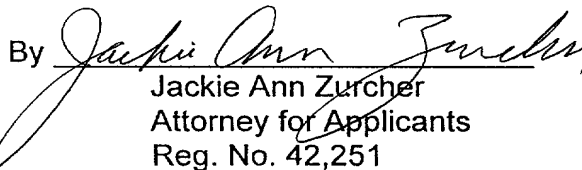
Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

The content of the sequence listing information recorded in computer readable form on the enclosed diskette is identical to the written paper sequence listing and includes no new matter.

The attached diskette is submitted in American Standard Code for Information Interchange (ASCII) text and is properly labeled for the convenience of the U.S. Patent & Trademark Office.

Respectfully submitted,

By   
Jackie Ann Zurcher  
Attorney for Applicants  
Reg. No. 42,251

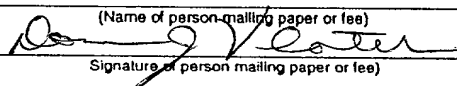
Bayer Corporation  
100 Bayer Road  
Pittsburgh, Pennsylvania 15205-9741  
(412) 777-8356  
FACSIMILE PHONE NUMBER:  
(412) 777-8363

"Express Mail" mailing label number ET146886672US  
Date of Deposit July 13, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231

Donna J. Veatch

(Name of person mailing paper or fee)

  
Signature of person mailing paper or fee)